

**DECLARATION
AND POWER OF ATTORNEY
Original Application**

ATTORNEY'S DOCKET NO.
D-21317

As a below named inventor, I declare that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in this Declaration, that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 201 below, or a joint inventor if plural inventors are named below at 201 et seq., of the invention entitled:

METHOD FOR PROVIDING COOLING TO SUPERCONDUCTING CABLE

which is described and claimed in:

☒ the attached specification or
☐ the specification in application Serial No. _____ filed _____ amended _____
(for declaration not accompanying application) (Day, Month, Year) (Day, Month, Year)

that I acknowledge a duty to disclose information I am aware of which is material to the patentability of this application in accordance with 37 CFR §.56(a), that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application and that as to applications for patent or inventor's certificate filed by me or my legal representatives or assigns in any country foreign to the United States of America, the earliest filed foreign application(s) filed within twelve months prior to the filing date of this application and all foreign applications filed more than twelve months prior to the filing date of this application are identified at 600, and, as required, 601 below.

600	CHECK APPROPRIATE BOX:
	<input checked="" type="checkbox"/> No earlier-filed applications <input type="checkbox"/> Required information as to foreign applications filed prior to filing date of this application is at 601 on page 2 attached hereto and made a part hereof.

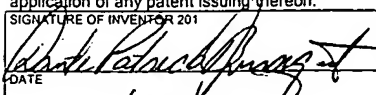
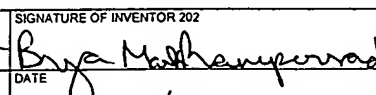
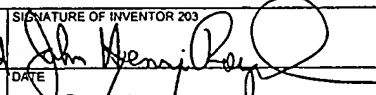
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Donald T. Black	Reg. No. 27999	David M. Rosenblum	Reg. No. 29341
Robert J. Follett	Reg. No. 39566	Iurie A. Schwartz	Reg. No. 43909
Stanley Ktorides	Reg. No. 29399	Steven T. Trinker	Reg. No. 28274

SEND CORRESPONDENCE TO: PRAXAIR TECHNOLOGY, INC. Law Department M1-557 39 Old Ridgebury Road Danbury, CT 06810-5113	DIRECT TELEPHONE CALLS TO: Stanley Ktorides (203) 837-2178
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201	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
		BONAQUIST	DANTE	PATRICK	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
		Grand Island	New York	USA	
202	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
		RAMPERSAD	BRYCE	MARK	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
		Williamsville	New York	USA	
203	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
		ROYAL	JOHN	HENRI	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
		Grand Island	New York	USA	
300	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE	
		1036 Ransom Road	Grand Island	New York	14072
	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE	
		349 Evans Street, Apt. 5	Williamsville	New York	14221
300	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE	
		102 Settlers Row	Grand Island	New York	14072
	<input type="checkbox"/> Additional matter on page 2 attached hereto and made a part hereof. When page 2 is used, all signatures must be signed on page 2.				
	List of Applicants continued on page 2 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

SIGNATURE OF INVENTOR 201  DATE 03/24/03	SIGNATURE OF INVENTOR 202  DATE 3/24/03	SIGNATURE OF INVENTOR 203  DATE 3/24/03
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FOR SOLE AND JOINT APPLICATIONS

**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, Dante Patrick Bonaquist, Bryce Mark Rampersad and John Henri Roval,
all Engineers and Citizens of the United States of America, residing at 1036 Ransom Road, Grand
Island, New York 14072; 349 Evans Street, Apt. 5, Williamsville, New York 14221 and
102 Settlers Row, Grand Island, New York 14072, respectively,

HEREBY STATE UNDER OATH that we are the original, first and true inventors of an invention
for METHOD FOR PROVIDING COOLING TO SUPERCONDUCTING CABLE

as described and/or claimed in our application for Letters Patent in the United States of America,

executed on the 24 day of March, 2003, (Docket No. D-21317).

NOW, THEREFORE, in consideration of our employment by Praxair, Inc. manufacturers, a corporation organized and existing under the laws of the State of Delaware, United States of America, having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810-5113, United States of America, and in fulfillment of our pre-existing obligation of assignment to our employer,

WE DO HEREBY ASSIGN, TRANSFER AND SELL our entire right, title, and interest in and to said invention and application unto

PRAXAIR TECHNOLOGY, INC.

technology licensors, a corporation organized and existing under the laws of the State of Delaware, United States of America, its successors and nominees, having an office at 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America and being a wholly owned subsidiary of the said Praxair, Inc., as the Assignee, without any restrictions, reservations or limitations, the entire right, title and interest in and to the aforesaid application for Letters Patent and all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues and extension thereof;

INCLUDING ALL RIGHTS in and to said invention in any country of the world, including, but not limited to, all priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and for any and all member countries of the aforesaid International Convention;

AND FURTHER INCLUDING THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the sole right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made, and to enforce said patents with our right to sue in any court of competent jurisdiction and obtain all remedies available, including but not limited to injunctions and to recover lost profits or compensatory and enhanced damages and attorneys fee for any and all infringements thereof,

AND AUTHORIZE our attorney of record to insert below in this instrument the serial number and filing date of said application:

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention resulting therefrom to said PRAXAIR TECHNOLOGY, INC. as Assignee of the entire right, title and interest, and covenant that we have the full right so to do, and agree that we will communicate to said PRAXAIR TECHNOLOGY, INC. or its representatives any facts known to us respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional, continuing, continuation-in-part, extensions and reissue applications, make all rightful oaths and generally do everything possible to aid said PRAXAIR TECHNOLOGY, INC. its successors, assigns, or nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED AT Tonawanda, NY this 24
day of March, 2003.

WITNESSES:

1. Julie A. Demmin
2. M. Mustafeg Ahmed

Dante Patrick Bonaquist
DANTE PATRICK BONAQUIST

State New York)
County of Erie) ss:

This 24 day of March, 2003, before me personally came

the above-named Dante Patrick Bonaquist

to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(Seal)

Julie A. Demmin
Notary Public
JULIE A. DEMMIN
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/07

SIGNED AND SEALED AT Tonawanda, NY this 24
day of March, 2003.

WITNESSES:

1. Julie A. Demmin
2. M. Mustafiz Ahmed

Bryce Mark Rampersad
BRYCE MARK RAMPERSAD

State of New York)
County of Erie) ss:

This 24 day of March, 2003, before me personally came the

above-named Bryce Mark Rampersad
to me personally known as the individual who executed the foregoing assignment, who has
acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set
forth.

(Seal)

Julie A. Demmin
JULIE A. DEMMIN, Notary Public
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/07

SIGNED AND SEALED AT Tonawanda, NY this 24
day of March, 2003.

WITNESSES:

1. Julie A. Demmin
2. M. Mustafiz Ahmed

John Henri Royal
JOHN HENRI ROYAL

State of New York)
County of Erie) ss:

This 24 day of March, 2003, before me personally came the

above-named John Henri Royal
to me personally known as the individual who executed the foregoing assignment, who has
acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set
forth.

(Seal)

Julie A. Demmin
JULIE A. DEMMIN, Notary Public
Notary Public, State of New York
Qualified in Erie County
My Commission Expires 4/5/07

ACCEPTANCE

WE, the undersigned, PRAXAIR TECHNOLOGY, INC. of 39 Old Ridgebury Road, Danbury, Connecticut 06810, United States of America, do hereby declare that we have accepted the foregoing assignment.

Danbury, Connecticut, U.S.A. May 1, 2003

(Seal)

PRAXAIR TECHNOLOGY, INC.

Christina Monner
Witness:

Gisette Simmons
Witness:

By: [Signature]
Robert G. Hohenstein
Authorized Agent

The application identified above as Docket No. D-21317 was filed in the United States Patent and Trademark Office on March 26, 2003 and was given Serial Number 10/396,353.

This insertion was made by me this 1st day of May, 2003

[Signature]
Stanley Ktorides
Reg. No. 29,399
Attorney For Applicants



OCTOBER 08, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

PRAXAIR, INC.
JOANN M. JELSA
LAW DEPARTMENT-M1 557
39 OLD RIDGEBURY ROAD
DANBURY, CT 06810



102442414A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/05/2003

REEL/FRAME: 014030/0751
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BONAQUIST, DANTE PATRICK

DOC DATE: 03/24/2003

ASSIGNOR:

RAMPERSAD, BRYCE MARK

DOC DATE: 03/24/2003

ASSIGNOR:

ROYAL, JOHN HENRI

DOC DATE: 03/24/2003

ASSIGNEE:

PRAXAIR TECHNOLOGY, INC.
39 OLD RIDGEBURY ROAD
DANBURY, CONNECTICUT 06810

SERIAL NUMBER: 10396353
PATENT NUMBER:

FILING DATE: 03/26/2003
ISSUE DATE:

014030/0751 PAGE 2

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

S-5.03



05-08-2003

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

RECORDATION

PA



102442414

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dante Patrick Bonaquist,
Bryce Mark Rampersad and
John Henri RoyalAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

March 24, 2003

Execution Date: _____

2. Name and address of receiving party(ies)

Name: PRAXAIR TECHNOLOGY, INC.

Internal Address: _____

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip: 06810

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

Serial No. 10/396,353
Filed: 3/26/03

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joann M. Jelsa

Internal Address: _____

Praxair, Inc.

Law Department - M1 557

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT Zip: 06810

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

16-2440

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stanley Ktorides, Reg. No. 29,399

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: ☒ 5

05/07/2003 ECOOPER 00000094 10396353

01 FC:8021

40.00 CH

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231